

IAP Cover Sheet

Version Name: Period 3

Incident Name: 2nd 80's Fire

Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Approved By

Federal OSC:

State OSC:

Local OSC:

Incident Commander:

Stephen MASON 3/25/19

Tim TILAN 3/25/19

RICHARD LAMHORN 03-25-19

David WILSON 3/25/19

Incident Action Plan

Notes

Period 3 IAP

2nd 80's Tank Farm









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Period: Period 3 [03/25/19 07:00 - 03/26/19 07:00]

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Weather Report				Version Name: 20190324_2355			
Incident Name: 2nd 80's Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]			
Present Conditions							
Weather Conditions as of 03/24/2019 23:53							
deer park station id: PWS_KTXDEERP19							
Temperature: 68° Fahrenheit				Feels Like: 68° Fahrenheit			
Wind Speed: 1 mph				Dew Point: 67° Fahrenheit			
Wind Direction (from): SSW				Pressure: 29.83 psi			
Visibility: mile(s)				UV Index:			
Humidity (%): 95				Sunrise: 07:18			
: Mostly Cloudy Night				Sunset: 19:34			
: Mostly Cloudy							
Current Speed:				Wave Height: feet feet			
Current Direction (to):				Wave Direction: SSW			
Water Temperature: ° Fahrenheit				Swell Interval: day(s) feet			
Forecast Date							
Sun 03/24/2019		Partly Cloudy with Isolated Showers	Chance of Precipitation(%): 15%	Wind: 9 mph		Mostly Cloudy	
						Chance of Precipitation(%): 9%	
	80 F				66 F	Wind: 8 mph	
Mon 03/25/2019		Mostly Cloudy with Scattered Showers	Chance of Precipitation(%): 27%	Wind: 4 mph		Partly Cloudy with Isolated Storms	
						Chance of Precipitation(%): 19%	
	82 F				57 F	Wind: 5 mph	
Tue 03/26/2019		Mostly Sunny	Chance of Precipitation(%): 9%	Wind: 8 mph		Mostly Clear	
						Chance of Precipitation(%): 0%	
	76 F				54 F	Wind: 6 mph	
Tides							
	Tide	Height	UOM	Time	Tide Station Location		
Mon 03/25/2019	Low	0.097	feet	07:02	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.43	feet	15:24	Lynchburg Landing, San Jacinto River, Tx Us		
	Low	0.097	feet	07:02	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.43	feet	15:24	Lynchburg Landing, San Jacinto River, Tx Us		
Tue 03/26/2019	Low	0.095	feet	07:51	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.467	feet	16:47	Lynchburg Landing, San Jacinto River, Tx Us		
Weather Report				Prepared By Planning, Updated 03/24/2019 23:56 UTC -6:00 PP			
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Incident Map/Sketch

20190325 Division Map



Incident Map/Sketch

20190325 Division A Map



Incident Map/Sketch

20190325 Division B Map



Incident Map/Sketch

20190325 Division C Map



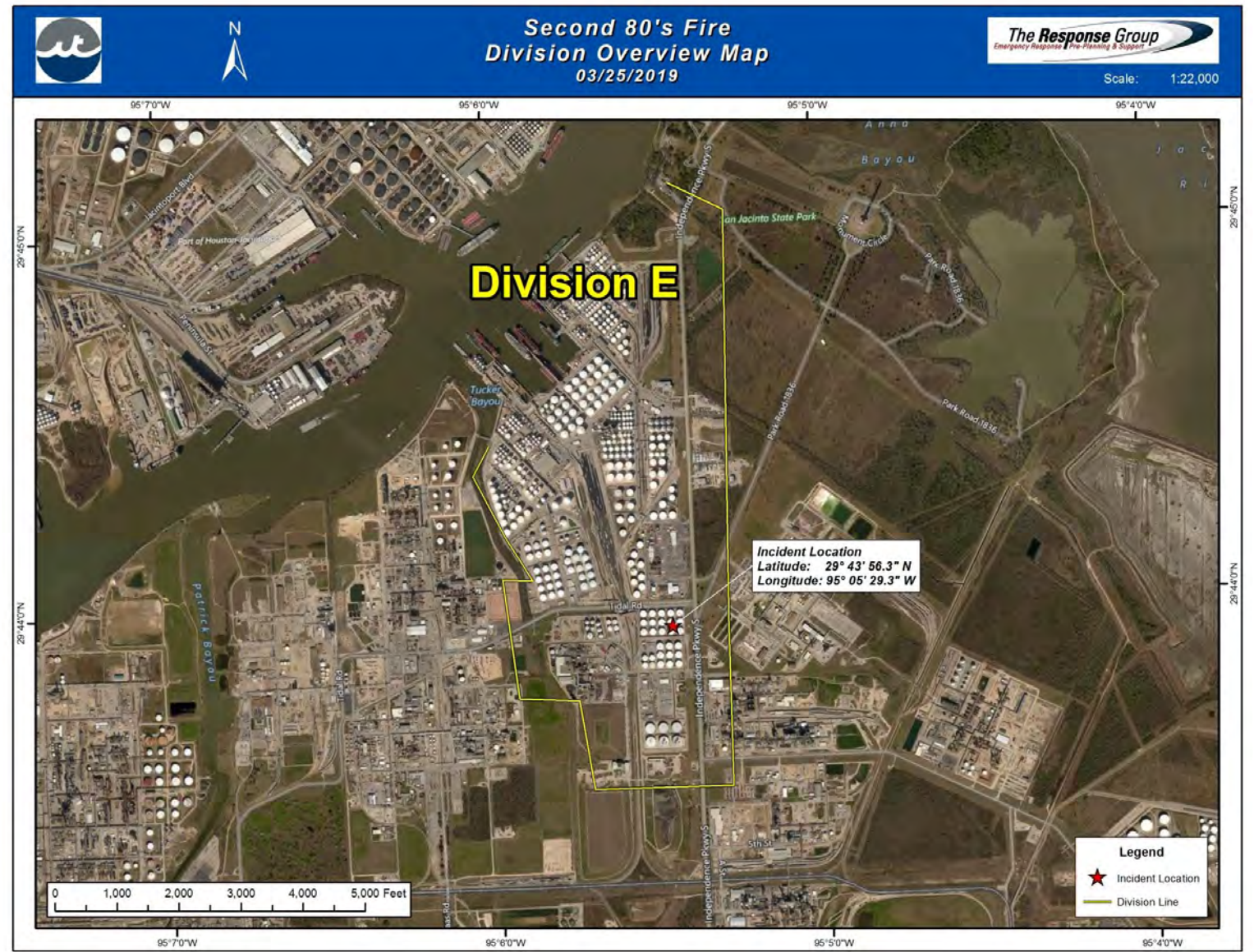
Incident Map/Sketch

20190325 Division D Map



Incident Map/Sketch

20190325 Division E Map



ICS 202 - Incident Objectives		Version Name: Period 3	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Objective(s)			
Ensure the Safety of the Public and Response Personnel.			
Maximize the Protection of Public Health and Welfare.			
Maximize Protection of Environmentally and Socially Sensitive Areas.			
Maintain Fire Suppression Activities to Prevent Re-ignition and Suppress Vapor. Continue Assessing Risk in Tank Area for Site Stabilization.			
Continue Execution of Water and Product Removal Plan.			
Minimize Further Release of Product from the Facility.			
Contain and Recover Spilled Material.			
Prevent Further Impacts to Maritime Transportation.			
Ensure Port Recovery and Restoration.			
Keep the Public, Stakeholders and the Media Informed of Response and Recovery Activities.			
Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
Safety is the number one priority. All responders have "Stop Work Authority." Report any unsafe acts or situation to your supervisor immediately.			
ICS 202 - Incident Objectives		Prepared By Planning Section, Updated 03/24/2019 10:24 UTC -6: PP	
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ICS 204 - Assignment List			Division: Division B	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Division B Supervisor	Livingston, Gregory	USCG	860-857-4997	Day Shift
Division B Supervisor	Osborne, Scott	ITC	903-391-4831	Day Shift
Water Operations Branch Director	Baquet, Gerry	ITC	281-513-5469	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom (18")	3000	
Division B	Work Barge	Barge Boat	10	
Division B	Skimming Vessel	Marco Skimmer	6	
Division B	Skimmer	Foilex Skimmer	7	
Division B	Barge: Offshore	Skimming Barge	1	
Division B	Safety Personnel	Air Monitoring Personnel	27	
Division B	Fire Boat	Fire Boat	3	
Division B	Work Boat	Work Boat	9	
Division B	OSRV	OSRV	2	
Division B	Harbor Boom	Harbor Boom (67")	3000	
Division B	Boat Operator	Boat Operator	45	
Division B	Spill Tech	Spill Tech	90	
Assignments				
<p>Protection - Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>Texas Responder (OSRV) to Deploy/Maintain 67" containment boom at mouth of Tucker Bayou and ITC slips. 40-J Carpenters Bayou 40-K Battleship 40-I Entrance to Old River</p> <p>Recovery - In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.</p> <p>24/Hr recovery operations will be conducted.</p>				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
ICS 204 - Assignment List				
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ICS 204 - Assignment List		Division: Division B	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Communications			
Name / Function		Contact Details	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Equipment / Supplies Needed for Assignment			
Utilize Viscous Sweep & Sorbent Boom as needed.			
Special Environmental Considerations			
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH			
Avoid vessel collisions with wildlife			
Avoid walking or grounding vessels in marsh areas			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Notify Texas Parks and Wildlife (William Irwin at 713-819-3986; or Michael Strutt, Director of Cultural Resources Program, at 512-389-4736) if any ground disturbance activities are conducted within San Jacinto State Park.			
Special Site-Specific Safety Considerations			
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.			
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.			
All equipment and personnel must be decontaminated prior to leaving the hot zone.			
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ICS 204 - Assignment List			Division: Division C	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Division C Supervisor	Kyser, Christopher	USCG	713-204-6978	Day Shift
Division C Supervisor	Anderson, Byron	ITC	832-466-6646	Day Shift
Water Operations Branch Director	Baquet, Gerry	ITC	281-513-5469	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom (18")	3000	
Division C	Work Barge	Barge Boat	10	
Division C	Skimming Vessel	Marco Skimmer	4	
Division C	Barge: Offshore	Skimming Barge	1	
Division C	Safety Personnel	Air Monitoring Personnel	27	
Division C	Work Boat	Work Boat	15	
Division C	Boat Operator	Boat Operator	40	
Division C	Spill Tech	Spill Tech	80	
Assignments				
<p>Protection - Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>40-L Entrance to San Jacinto River 40-F San Jacinto River Marsh 40-G Burnet Bay Marsh</p> <p>Recovery - In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.</p>				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
Special Equipment / Supplies Needed for Assignment				
Utilize Viscous Sweep & Sorbent Boom as needed.				
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ICS 204 - Assignment List		Division: Division C	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
<p align="center">Special Environmental Considerations</p>			
<p>Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH</p> <p>Avoid vessel collisions with wildlife</p> <p>Avoid walking or grounding vessels in marsh areas</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>			
<p align="center">Special Site-Specific Safety Considerations</p>			
<p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p>			
<div></div>			
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ICS 204 - Assignment List			Group: Mobile Decon Group	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Mobile Decon Group Supervisor	Ruff, Zach	USCG	614-795-1689	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Mobile Decon Group	Boom	Boom	7200	
Mobile Decon Group	Manpower: Responder	Manpower: Responder	36	
Mobile Decon Group	Vessel	Barge Boat	8	
Mobile Decon Group	Hot Water Pressure Washer	Hot Water Pressure Washer	8	
Mobile Decon Group	Work Boat	Work Boat	4	
Mobile Decon Group	Sorbent: Boom	Sorbent: Boom	7500	
Assignments				
Conduct decon of all contaminated vessels leaving the affected area in accordance with the approved Decontamination Plan.				
All waste generated during equipment decontamination will be handled in accordance with Federal, State, and Local regulations.				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH				
Avoid vessel collisions with wildlife				
Avoid walking or grounding vessels in marsh areas				
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.				
ICS 204 - Assignment List			Updated 03/25/2019 03:07 UTC -6:00	
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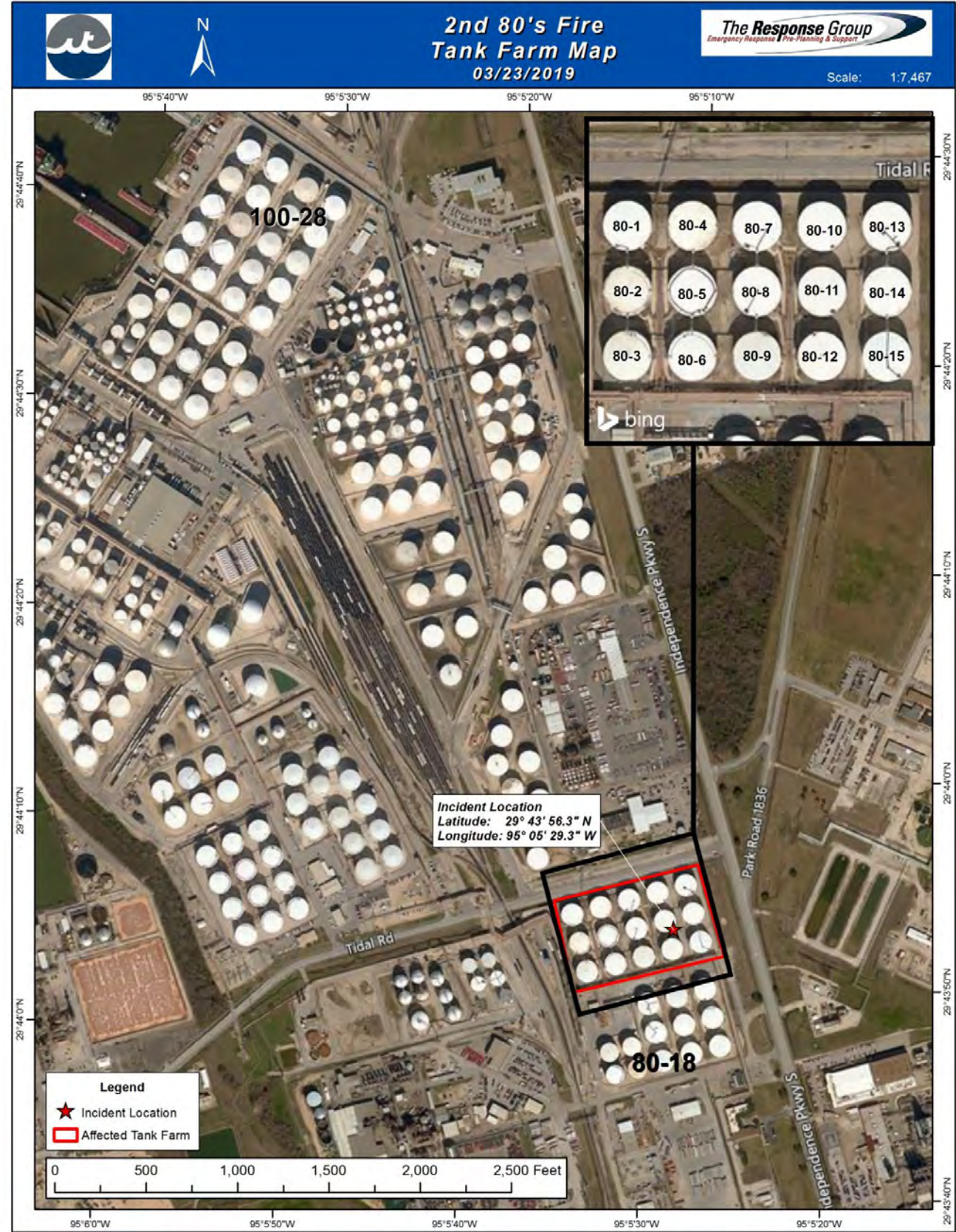
ICS 204 - Assignment List		Group: Mobile Decon Group	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
<p align="center">Special Site-Specific Safety Considerations</p> <p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift.</p> <p>If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p>			
<div> <div>ICS 204 - Assignment List</div> <div>Updated 03/25/2019 03:07 UTC -6:00</div> </div>			
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ICS 204 - Assignment List			Group: On-Water Air Monitoring	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
On-Water Air Monitoring Supervisor	Lopez, Christopher	ITC	281-744-3490	Day Shift
On-Water Air Monitoring Supervisor	Debrum, Nicholas	USCG	774-766-8695	Day Shift
On-Water Air Monitoring Supervisor	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
On-Water Air Monitoring	Vessel	Vessel	4	
On-Water Air Monitoring	Manpower: Responder	Manpower: Responder	12	
Assignments				
USCG Strike Team, EPA, CTEH, and OMI to conduct air monitoring throughout all divisions within the Ship Channel.				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH				
Avoid vessel collisions with wildlife				
Avoid walking or grounding vessels in marsh areas				
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.				
ICS 204 - Assignment List			Updated 03/24/2019 08:06 UTC -6:00	
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ICS 204 - Assignment List		Group: On-Water Air Monitoring	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Site-Specific Safety Considerations			
<p>Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.</p>			
ICS 204 - Assignment List		Updated 03/24/2019 08:06 UTC -6:00	
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ICS 204 - Assignment List			Group: Tank Farm Recovery Group	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Tank Farm Recovery Group Supervisor	Thomas, Harold	ITC	713-823-2543	Day Shift
Tank Farm Recovery Group Supervisor	Moses, Terry	ITC	281-389-9078	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Tank Farm Recovery Group	Pumps	SS MSP-300	3	
Tank Farm Recovery Group	Manpower: Responder	Manpower: Responder	8	
Tank Farm Recovery Group	Pumper truck	Pumper truck	1	
Tank Farm Recovery Group	Hose/Accessories	Hydraulic Hose (Baskets)	3	
Tank Farm Recovery Group	Hydraulic Power Unit	Hydraulic Power Unit	3	
Tank Farm Recovery Group	Miscellaneous	Lightering Tool Box	2	
Tank Farm Recovery Group	Equipment: Small	Tripods	2	
Assignments				
Conduct evacuation of remaining product from 2nd 80's tank farm starting with 80-7 into 80-18 using pumps/hose. Personnel will maintain readiness and be staged at hose connections during initial start up.				
Transfer pygas from AST 80-10, 80-14 and 80-15 to receiving tanks and piping as directed by ITC / Unified Command. Pumping will be completed using a pump with a manifold with stainless-steel discharge hoses and transfer to 80-18.				
Potential to move contents of 80-13 to 100-28.				
Communications				
Name / Function		Contact Details		
ITC Trunking System / Command		ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
CIMA / Dispatch		CIMA 1		
East/South - CIMA / Tactical		East/South - CIMA 2		
North Div - CIMA / Tactical		North Div - CIMA 3		
West Div (Water Supply) - CIMA / Tactical		West Div (Water Supply) - CIMA 4		
Safety (IH) - CIMA / Tactical		Safety (IH) - CIMA 5		
Tactical Objectives				
Ensure all spilled material stays on site and in containment				
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ICS 204 - Assignment List		Group: Tank Farm Recovery Group	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Equipment / Supplies Needed for Assignment			
6" Flange to 4: female cam lock Bolts for reducers Teflon Gaskets SCBAs Bunker Gear PPE - respirators, organic vapor cartridges, rubber boots, chem gloves, cascade systems/supplied-air systems, etc. Radios			
Special Environmental Considerations			
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Continuous air monitoring will be conducted to direct use of respiratory protection for workers. PPE will include fire-resistant coveralls, chemical protective boots, chemical resistant gloves, hearing protection, eye protection, splash guards (as required), outer protective suits (as required), and respiratory protection. Respirators with organic vapor cartridges and supplied-air systems will be provided. Grounding/bonding of transfer system will be completed. Transfer operations will cease during lightning events. All personnel on-site have stop-work authority. A JSA will be completed prior to commencing transfer operations.			
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.			
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
All equipment and personnel must be decontaminated prior to leaving the hot zone.			
Additional Information			
Pumping Crew Trevor Reed Mario Tovar Ricky Castillo Cory Lewis Rick Francis Additional personnel as required Robbie Dison: Safety Assistant On-Site Tom Noble: Project Management / Supervision Safety Director: Cody Wilson			
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ICS 204 - Assignment List			Task Force: Fire Water Containment TF	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Williams, Dwight			Day Shift
Fire Suppression Group Supervisor	Guchiani, Corey			Night Shift
Fire Water Containment TF Leader	Walker, Derek	ITC	281-515-0751	Day Shift
Fire Water Containment TF Leader	Martin, Gene	ITC	832-259-6587	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Fire Water Containment TF	Manpower: Responder	Manpower: Responder	4	
Fire Water Containment TF	Manpower: Supervisor	Manpower: Supervisor	1	
Fire Water Containment TF	Pumps	Pumps	1	
Fire Water Containment TF	Vacuum Truck	Vacuum Truck	1	
Assignments				
Maintain 2' of foam and mixture within the tank farm. Will adjust accordingly if rain should occur.				
Ensure all firewater/mix used in firefighting operations is contained and removed. Utilize vacuum trucks, pumps, suction hose, and manifold hose to pump water into tank 100-28.				
Communications				
Name / Function		Contact Details		
ITC Trunking System / Command		ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
CIMA / Dispatch		CIMA 1		
East/South - CIMA / Tactical		East/South - CIMA 2		
North Div - CIMA / Tactical		North Div - CIMA 3		
West Div (Water Supply) - CIMA / Tactical		West Div (Water Supply) - CIMA 4		
Safety (IH) - CIMA / Tactical		Safety (IH) - CIMA 5		
Tactical Objectives				
Ensure all spilled material stays on site and in containment				
ICS 204 - Assignment List			Updated 03/25/2019 00:56 UTC -6:00	
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ICS 204 - Assignment List		Task Force: Fire Water Containment TF	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Environmental Considerations			
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary.			
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
ICS 204 - Assignment List		Updated 03/25/2019 00:56 UTC -6:00	
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ICS 204 - Assignment List			Task Force: Foam Application TF	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Williams, Dwight			Day Shift
Fire Suppression Group Supervisor	Guchiani, Corey			Night Shift
Foam Application TF Leader	Ferraer, Chris	US Fire Pump	225-235-2980	Day Shift
Foam Application TF Leader	Nawrocki, Ryan	US Fire Pump	(225) 931-0694	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Foam Application TF	Manpower: Responder	Manpower: Responder	2	
Foam Application TF	Manpower: Supervisor	Manpower: Supervisor	1	
Foam Application TF	Fire Fighting Foam	Foam Totes	1000	
Foam Application TF	Fire Fighting Equipment	Foam Pumper	2	
Assignments				
<p>Ensure continuous foam blanket is applied within the tank berm area to mitigate any re-ignition potential. Foam applied as needed for 20-30 minutes each hour using multiple stationary foam cannons. Firefighting team's specific focus is fire protection, fire suppression and vapor suppression.</p> <p>Continue use of infrared imaging camera to read and/or detect any vapor yields. Continue aggressive metering and monitoring around tank farm area.</p> <p>Foam Type(s): 1-3%</p>				
Communications				
Name / Function		Contact Details		
ITC Trunking System / Command		ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
CIMA / Dispatch		CIMA 1		
East/South - CIMA / Tactical		East/South - CIMA 2		
North Div - CIMA / Tactical		North Div - CIMA 3		
West Div (Water Supply) - CIMA / Tactical		West Div (Water Supply) - CIMA 4		
Safety (IH) - CIMA / Tactical		Safety (IH) - CIMA 5		
ICS 204 - Assignment List			Updated 03/25/2019 00:56 UTC -6:00	
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ICS 204 - Assignment List		Task Force: Foam Application TF	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Environmental Considerations			
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
Special Site-Specific Safety Considerations			
Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.			
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
ICS 204 - Assignment List		Updated 03/25/2019 00:56 UTC -6:00	
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ICS 204 - Assignment List			Group: Air Monitoring Group	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Air Monitoring Group Supervisor	Langley, Justin	CTEH	281-627-2889	Day Shift
Air Monitoring Group Supervisor	Allaby, Eric	CTEH	(501) 529-7164	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Air Monitoring Devices	93	
Air Monitoring Group	Vessel	Vessel	1	
Air Monitoring Group	Manpower: Responder	Manpower: Responder	159	
Air Monitoring Group	Aircraft: UAV	Aircraft	1	
Air Monitoring Group	Vehicle	Vehicle	108	
ICS 204 - Assignment List			Updated 03/25/2019 00:58 UTC -6:00	
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ICS 204 - Assignment List		Group: Air Monitoring Group	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Assignments			
<p>CTEH: Real time air monitoring (360 deg. 24hr) in operational areas as well as in community. (Benzene, VOCs) (33) Analytical stations samples go to lab for rush turnaround (same day or next day). See Air Monitoring Plan for details. Air Monitoring Devices: 75 Personnel: 130 Vehicles: 100</p> <p>EPA: (2) Roving monitoring teams conducting air monitoring. Real-time monitoring will occur via ASPECT aerial platform. TAGA bus to continue to conduct air monitoring in community areas. Personnel: 5 Vehicles: 1 Aircraft: 1</p> <p>MSRC: (2) CTEH personnel & (1) MSRC Tech will conduct continuous monitoring on the deck of the Texas Responder. Air Monitoring Devices: 1 Personnel: 2 Vehicles: Vessels: 1</p> <p>Hazmat Group (Port of Houston, CST, Harris County Fire Marshall Office, TIFMAS): (4) (2) man teams will take readings at multiple sites around the Incident Location and will report results. If actions levels are reached, Harris County EOC will be notified. CST will coordinate work through Hazmat Group or Local On-Scene Coordinator. Air Monitoring Devices: 9 Personnel: 14 Vehicles: 3</p> <p>TCEQ will deploy 4 teams during day operations and 5 teams during night operations. The teams will be positioned downwind of the facility in community areas. In addition two air monitoring stations are strategically located in coordination with unified command.</p> <p>Harris County Pollution Control: Will conduct roving monitoring along 225 and Tidal Rd to railroad tracks. Also will conduct monitoring at 225 and Miller Rd. to railroad tracks. Air Monitoring Devices: 2 Personnel: 2 Vehicles: 1</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.</p> <p>Email: Air2@iterm.com Phone: 832-493-8041</p>			
Communications			
Name / Function		Contact Details	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
Special Environmental Considerations			
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
ICS 204 - Assignment List		Updated 03/25/2019 00:58 UTC -6:00	
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ICS 204 - Assignment List		Group: Air Monitoring Group	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Site-Specific Safety Considerations			
<p>Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.</p>			
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ICS 204 - Assignment List			Group: Water Sampling Group	
Incident Name: 2nd 80's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Water Sampling Group Supervisor	Kubitz, Jody	Cardno	815-355-3938	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Water Sampling Group	Miscellaneous	Water Sampling Kits	2	
Water Sampling Group	Vessel	Vessel	3	
Water Sampling Group	Manpower: Responder	Manpower: Responder	8	
Water Sampling Group	Vehicle	Vehicle	3	
Assignments				
<p>Conduct water sampling in various locations per the Water Sampling Plan. Samples will be taken from shoreline access points and vessels as needed. All sampling results will be communicated back to Incident Command.</p> <p>EPA: (1) Surface water sampling group will conduct sampling upstream of the confluence of Tucker Bayou (daily) and the Ship Channel (outside of the containment), San Jacinto State Historical Park, and the vicinity of the Lynchburg Reservoir. Additional areas will be sampled when needed.</p> <p>TCEQ: (2) Surface quality groups will conduct water sampling east of Channelview, as far as the eastern border of Galveston Bay and as far south as Kemah, an additional shore sampling team will be conducting sampling in Gulf side of Galveston Island and Crystal Beach in Bolivar peninsula.</p> <p>Cardno: (2) Teams will conduct water sampling by vessel and taking a full suite of samples from Buffalo Bayou east for several miles. Reference the Foam Product & Water Sampling Plan for additional details.</p> <p>ITC: Water sampling will occur at outfall 3 regularly every two (2) hours. If outfall 3 is opened, take additional sample.</p>				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
ICS 204 - Assignment List			Updated 03/25/2019 03:15 UTC -6:00	
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ICS 204 - Assignment List		Group: Water Sampling Group	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Environmental Considerations			
<p>Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH</p> <p>Avoid vessel collisions with wildlife</p> <p>Avoid walking or grounding vessels in marsh areas</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>			
Special Site-Specific Safety Considerations			
<p>Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.</p>			
ICS 204 - Assignment List		Updated 03/25/2019 03:15 UTC -6:00	
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ICS 205 - Radio Communications					Version Name: Radio Comms				
Incident Name: 2nd 80's Fire					Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]				
Radio Channel Information									
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
81A	Tactical	Marine - USCG OPS		157.0250	None	Simplex		A	
21A	Tactical	Marine - RAT (Rapid Assessment Teams)		157.0500	None	Simplex		A	
16	All	Marine - Hailing and Emergency		156.8000	None	Simplex		A	
67	Tactical	Marine - OMI-On-water OPS		156.3750	None	Simplex		A	
Site 1 & 2	Command	ITC Trunking System	ITC ICP (Admin Building)	Encrypted				D	
15	Operations	Operations/Safety/Incident Command							
1	Dispatch	CIMA							
2	Tactical	East/South - CIMA							
3	Tactical	North Div - CIMA							
4	Tactical	West Div (Water Supply) - CIMA							
5	Tactical	Safety (IH) - CIMA							
Special Radio Instructions									
ICS 205 - Radio Communications					Prepared By Logistics, Updated 03/23/2019 18:02 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™			Printed 03/25/2019 03:20 UTC -6:00		Page 32 of 44			© TRG	

ICS 205a - Communications List				Version Name: Water Operations Branch	
Incident Name: 2nd 80's Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Local Communications Information					
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
Kuhn, Karl	Operations Section Chief	713-208-5583			ITC
Burditt, John	Deputy Operations Section Chief	832-240-6440			ITC
McLelland, Reid	Water Operations Branch	281-838-7567			ITC
Tilimon, Matthew	Water Operations Branch	832-256-3261			USCG
Carroll, Amos	Water Operations Branch	(832) 256-3265			USCG
Livingston, Gregory	Recovery Group Supervisor	860-857-4997			USCG
Kyser, Christopher	Protection Group	713-204-6978			USCG
Debrum, Nicholas	Air Monitoring (Water)	774-766-8695			USCG
Ruff, Zach	Mobile Decon Group	614-795-1689			USCG
Pounds, Kenneth	Safety Officer	2513661450			USCG
Gaudet, Michael	Monitoring Branch	(281) 787-8256			ITC
Rodriguez, Antonio	NRC Contact	281-796-6881			NRC
Segura, Tyler	OMI Contact	409-299-0472			OMI
Sedlack, Tracy	MSRC Contact	713-471-2680			MSRC
ICS 205a - Communications List				Prepared By Water Operations Branch, Updated 03/24/2019 11:30 PP	
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/25/2019 03:20 UTC -6:00		Page 33 of 44 © TRG	

ICS 206 - Medical Plan				Version Name: On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Staging Area - OMI River	-95.10154 29.78214	<input checked="" type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Acadian Ambulance Dispatch Center	-94.14665 29.99906	Ph1: (409) 833-3800		<input type="checkbox"/>	<input type="checkbox"/>			
Acadian Ambulance Supervisor 470	-95.10154 29.78214	Ph1: (832) 210-4279		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/24/2019 23:13 UTC -6:00 PP				
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ICS 206 - Medical Plan		Version Name: On Water Operations	
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Medical Emergency Procedures			
<p>Deliver First Aid if trained in accordance with your training.</p> <p>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</p> <p>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</p> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Deathv</p> <p> OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
ICS 206 - Medical Plan		Prepared By Planning, Updated 03/24/2019 23:13 UTC -6:00 PP	
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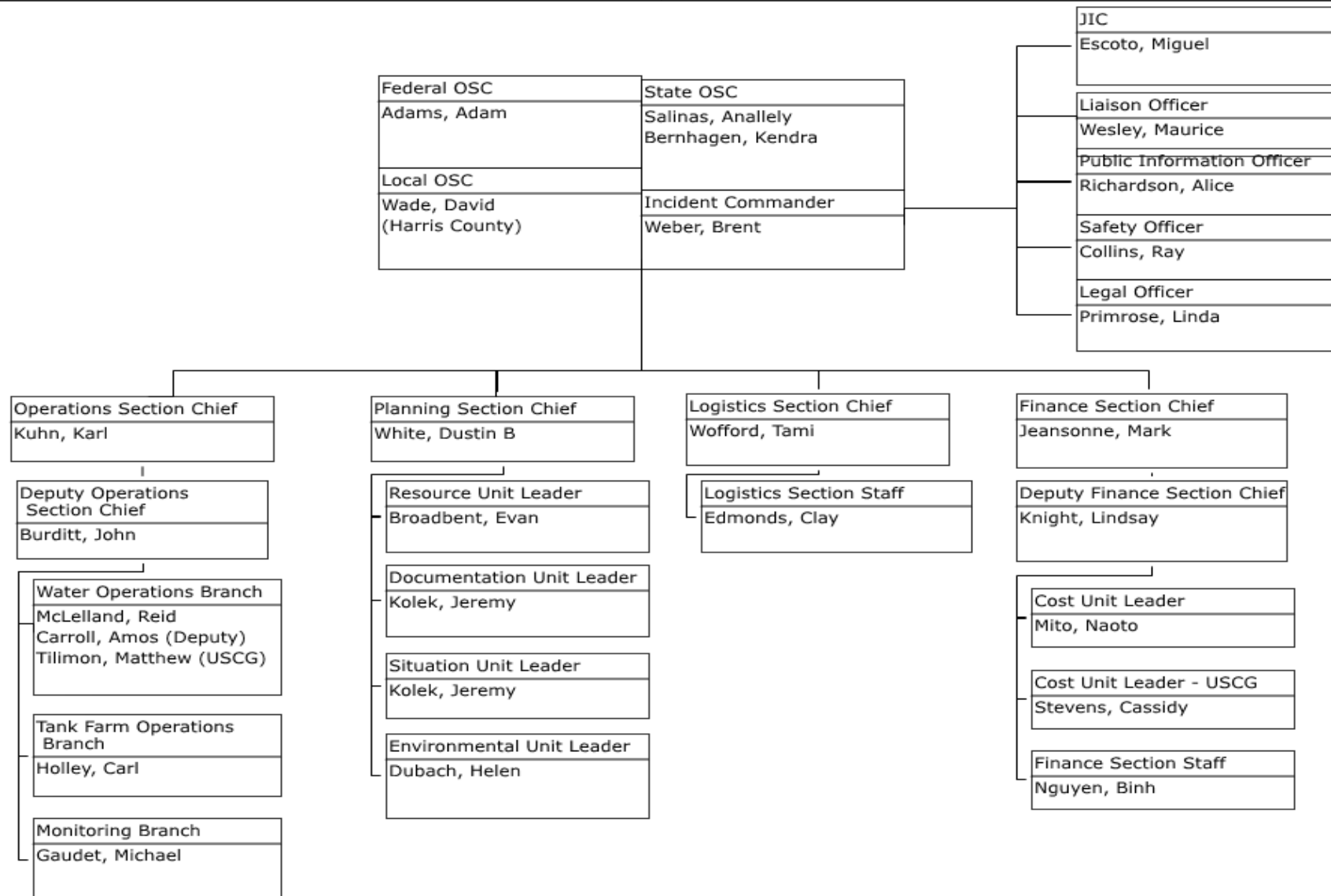
ICS 206 - Medical Plan				Version Name: Tank Farm Operations				
Incident Name: 2nd 80's Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Safety Training Building	-95.09605 29.73362	<input type="checkbox"/>		ITC Mandown Button				
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Texas Medical Transport - Deer Park	Deer Park, TX	Ph1: (281) 478-0800		<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
CHI St. Luke's Patients Medical Center	4600 East Sam Houston Parkway South Pasadena, TX 77505 -95.16227 29.64113	713-378-8994 281-487-0700				II	<input type="checkbox"/>	<input type="checkbox"/>
HCA-Bayshore Medical Center	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1060 713-359-1000				II	<input type="checkbox"/>	<input type="checkbox"/>
Altus Baytown Hospital	1626 W Baker Rd Baytown, TX 77521 -94.98169 29.77128	281-382-1627 281-837-7600					<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Medical Emergency Procedures								
<p>Deliver First Aid if trained in accordance with your training.</p> <p>Address is 2621 ITC Tidal Road Harris County, Texas.</p> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Death</p> <p>OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>								
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/24/2019 23:18 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/25/2019 03:20 UTC -6:00		Page 36 of 44		© TRG			

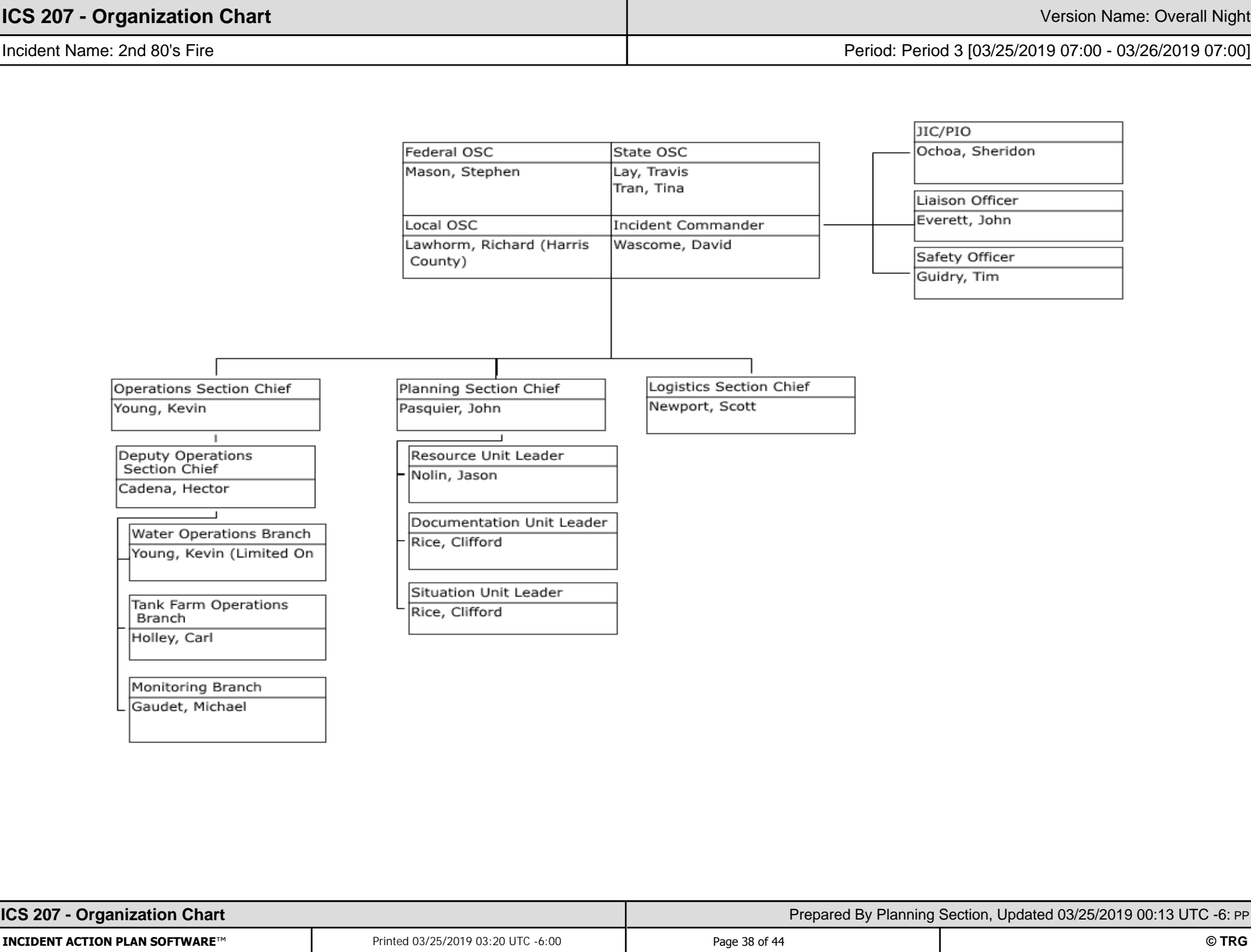
ICS 207 - Organization Chart

Version Name: Overall Day

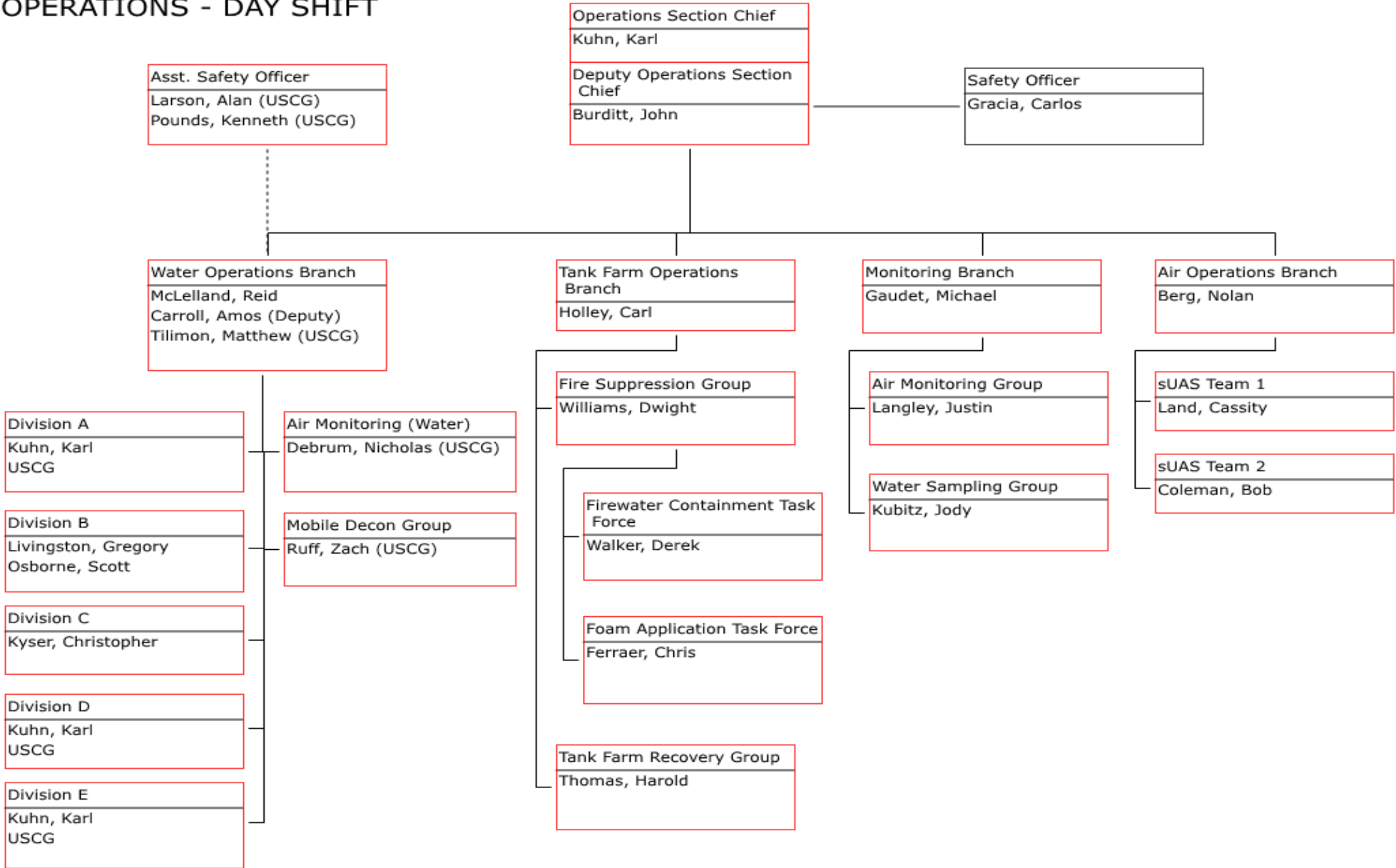
Incident Name: 2nd 80's Fire

Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

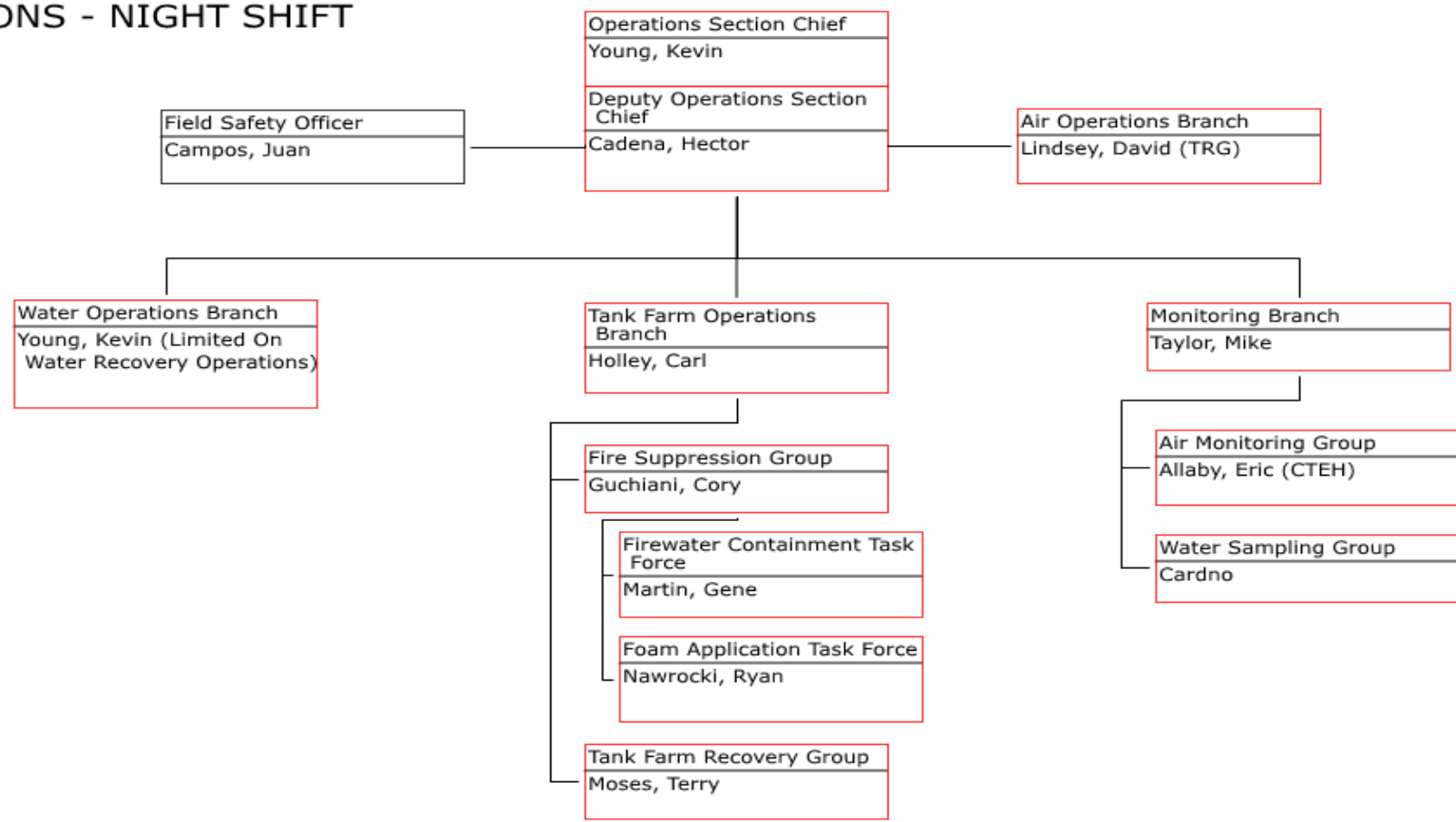




OPERATIONS - DAY SHIFT



OPERATIONS - NIGHT SHIFT



ICS 208 - Site Safety Plan					Version Name: Tank Farm Operations				
Incident Name: 2nd 80's Fire					Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]				
Applies to Site: Division E									
Site Characterization									
Water		Land		Weather		Mostly Cloudy			
Wave Height		Land Use		Air Temp		68 Fahrenheit			
Speed		0.48 knot (s)		Wind Speed		0 mph			
Direction		NNW		Direction		SSE			
Site Hazards									
Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Work Near Water	
Air Monitoring Limits									
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm	
LEL		Greater than 10%	Benzene		.5 ppm				
Engineering Controls									
<input type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down					
Personal Protective Equipment Required									
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection		
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation		
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots		
Additional Control Measures Established									
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided		
Work Plan									
<input type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work		
<input type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used		
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads					
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching					
Training									
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER			
ICS 208 - Site Safety Plan					Prepared By Safety Officer, Updated 03/24/2019 23:48 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: Tank Farm Operations			
Incident Name: 2nd 80's Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]			
Organization							
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>	
Incident Commander		Weber, Brent		(225) 806-5136		Operations Section Chief	
Safety Officer		Collins, Ray		713-614-8550			
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan			<input checked="" type="checkbox"/>	Evacuation Plan		
<input checked="" type="checkbox"/>	Alarm System			<input checked="" type="checkbox"/>	First Aid Location		
Notifications							
<i>Facility</i>				<i>Phone</i>		<i>Facility</i>	
<input checked="" type="checkbox"/>	Hospital	Houston Healthcare Southeast		713-359-1440		<input checked="" type="checkbox"/>	Fire
<input checked="" type="checkbox"/>	Ambulance	Texas Medical Transport-Deer Park		281-478-0800		<input checked="" type="checkbox"/>	Law Enforcement
<input type="checkbox"/>	Air Ambulance					<input checked="" type="checkbox"/>	Emergency Response/Rescue
						Deer Park Fire Department	
						(281) 478-7281	
						(713) 637-0014	
						(281) 478-7281	
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/24/2019 23:48 UTC -6:00 PP			
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ICS 208 - Site Safety Plan					Version Name: On Water Operations				
Incident Name: 2nd 80's Fire					Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]				
Applies to Site: Divisions A, B, C, D									
Site Characterization									
Water		Land		Weather		Mostly Cloudy			
Wave Height		Land Use		Air Temp		68 Fahrenheit			
Speed		0.48 knot (s)		Wind Speed		0 mph			
Direction		NNW		Direction		SSE			
Site Hazards									
Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Work Near Water	
Air Monitoring Limits									
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm	
LEL		Greater than 10%	Benzene		.5 ppm				
Engineering Controls									
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down					
Personal Protective Equipment Required									
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection		
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation		
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots		
Additional Control Measures Established									
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided		
Work Plan									
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work		
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used		
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads					
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching					
Training									
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER			
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ICS 208 - Site Safety Plan				Version Name: On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]			
Organization							
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>	
Incident Commander		Weber, Brent		(225) 806-5136		Operations Section Chief	
Safety Officer		Sterkel, Gary		281-384-9519			
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan			<input checked="" type="checkbox"/>	Evacuation Plan		
<input checked="" type="checkbox"/>	Alarm System			<input checked="" type="checkbox"/>	First Aid Location		
Notifications							
<i>Facility</i>				<i>Phone</i>		<i>Facility</i>	
<input type="checkbox"/>	Hospital				<input type="checkbox"/>	Fire	
<input checked="" type="checkbox"/>	Ambulance		Acadian Ambulance	409-833-3800	<input checked="" type="checkbox"/>	Law Enforcement	
	Air Ambulance				<input type="checkbox"/>	Emergency Response/Rescue	
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment				Filename			
ICS208 SSP On Water Operations Branch 24MAR19				FormPDF.pdf			
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/24/2019 23:44 UTC -6:00 PP			
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